

## SNL MESA Project MicroFab RFQ Amendments Log

ID	Vol. or Page	Drawing or Section Number	Comment/Question	Response	Attach (Y/N)	Addendum Number
349 46	13037, Access Flooring	Specification	2.02 Materials/Fabrication E. Aluminum Perforated Panels 1. - The airflow requirement of 904CFM at .01 static pressure is for a Grated product. The CFM for a Perforated Panel at .01 Static Pressure should be 285CFM. Which is the correct CFM for the Grated and Perforated Panels?	<b>Perforated panels shall be at 1081 CFM at 0.1" water gage static based on Tate 3000 floating floor system.</b>	N	3
349 49	13037, Access Flooring	Specification	2.02 Materials/Fabrication G. Floor Panel Covering - Nora Rubber is specified as a floor covering. This product is manufactured in Germany, does this meet the requirements for the project?	<b>Nora Rubber Flooring is an acceptable manufacture. Rubber excluded by Buy American.</b>	N	3
349 50	EP7001858J, Sub Station 19	Drawing	Drawing EP7001858J, Sub Station 19 shows a feeder run to "MICROLAB ATS SHEET EP7001858E" Please clarify. We can not seem to find anything on the MICROLAB nor drawing EP7001858E in this bid package?	<b>The routing is for a future connection by others. For routing in Mfab see for plan drawings including EP1019858EF, EP1021858EF, EP1023858EF, EP1029858EFC, and EP1013858EF.</b>	N	3
349 52	Section 15891	Specification	I have reviewed the ductwork specification, section 15891, and cannot find product or material information for the flexible duct to be used to connect to the Terminal HEPA filters. Please provide this.	<b>2.01H and 2.01I should be labeled as 2.0 and 2.11</b>  <b>2.10 - Flexible Duct: Ductwork to be a factory fabricated assembly with neoprene coated spring steel wire helix and acoustically rated liner construction, fiberglass insulation and mylar sheath. Flexible duct shall have a flame resistant rating of 25or less and a smoke developed rating of 50 or less. Flexible ductwork must be tested in accordance with UL 181. Acceptable manufacturers: Aeroquip, Flexaust, or Vent Fabrics.</b>  <b>2.11 - Flexible duct in MicroFab Cleanroom: Flexible ductwork to be non-metallic and uninsulated. Flexible ductwork must be tested in accordance with UL 181.</b>	Y	3
349 54	Section 3 SFM and Spec	Specification	1. Tab 3 of Volume 1 of the specifications identifies MBC panels, MBC internal components, and	<b>1.1 MBC's (Modular Building Controller) and EDC's (Expanded Digital Controller) are the same. The</b>	N	3

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54	Sections 15905S, 15910S, 15920S		<p>programming as being provided by SNL.</p> <p>Specification Section 15910S 2.02.A refers to Expanded Digital Controllers (EDC's) and 2.02.B refers to VAV Terminal Unit Controllers (TUC's). Plan Page MI1006858EF (and others) refers to TEC's for VAV control. Plan Page MI7019858EF (and others) refers to CT's for VAV control.</p> <p>Question #1.1 Are MBC's and EDC's the same thing?</p> <p>Question #2.2 Are TUC's, TEC's, and CT's the same thing?</p> <p>Question #1.3 Are MBC's, EDC's, TUC's, TEC's, and CT's all being provided by SNL?</p> <p>Question #1.4 Are MBC's, EDC's, TUC's, TEC's, and CT's all being programmed by SNL?</p> <p>2. Plan Page MI7032858EF (and others) seems to indicate that the VAV monitoring and control points are to be brought into an MBC panel, in this case MBC "M". The above mentioned drawings seem to indicate that these same points are brought into TEC's/CT's and not into MBC's.</p> <p>Question: Which drawing is correct with regards to the connection point for the VAV monitoring and control points?</p>	<p>contractor shall use the term MBC wherever mentioned in this contract. The contractor shall understand that SNL shall supply all MBC panels and their internal components for this job. The contractor shall install each MBC and terminate all control devices to each MBC. All MBC panels are Siemens Building Technologies, Landis Division System 600 Apogee panels.</p> <p>2.2 TUC's, TEC's and CT's are the same. The contractor shall use the term TEC (terminal equipment controller) wherever mentioned for this contract instead of TUC's and CT's. TEC's shall be Siemens Building Technologies, Landis Division for this contract. No other manufacturer will be accepted due to their incompatibility with SNL's Facility Control System (FCS).</p> <p>1.3 MBC's (or EDC's) and their internal components shall be supplied by SNL. TEC's (or CT's/TUC's) shall be supplied and installed by the contractor.</p> <p>1.4 SNL shall provide all necessary Facility Control System (FCS) programming, which includes the programming for MBC's and TEC's. Any other control device that is not part of the FCS, shall be the responsibility of the contractor (i.e. chiller control panels, flow meters, or other devices that have their own standalone control system).</p> <p>2. Dwg. MI7003858EF and MI7004858EF (seq. 226-227) show control details for the MicroFab installation of TEC's (CT's) at Variable Air Volume (VAV) boxes and at Fan Coil Units (FCU's). Dwg. MI7019858EF (seq. 243) shows the same type of details for the</p>		

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				<p>"Technician" area on the South side of the MicroFab, where the future MicroLab will connect. Both sets of details are shown to specify the following. Unless noted otherwise, a typical VAV box or Fan Coil will have a TEC installed by the VAV or the Fan Coil manufacturer. As shown in these diagrams, all field devices, including power are terminated by the contractor to the individual TEC. The contractor shall be responsible for providing all of the devices, as well as sizing and installing the control transformers (including its power supplies). What is not shown is the Local Area Network (LAN) connection between the TEC and the corresponding MBC. TEC's are connected to a MBC by a LAN connection. The contractor shall install the LAN connection between a TEC or a Variable Frequency Controller (VFC) and a corresponding MBC. LAN requirements are defined on each MBC termination drawing in the General Notes 1-13, and the Keyed Notes 1-4 (see Dwg. MI7020858EF, seq. 244 as an example for a typical MBC termination drawing). Each TEC comes with manufacturer's instructions for installing and terminating to a TEC and a MBC. Each MBC termination drawing shows the corresponding LAN connection at the bottom of a MBC. Note the allowance of "Daisy Chaining" of common devices to a common LAN cable as defined in the General and Keyed Notes.</p>		
349 59	EP1002858J	Drawings	Drawing EP1002858J shows HWP -4 being fed from MCC-MPH2-6, but drawing EP7003858J shows HWP -4 being fed from DP MPH2-38. Please clarify.	The correct feed is DP MPH2-38.	N	3
349 61	EP1002858J	Drawing	Drawing EP1002858J shows SUB 21 in the lower left hand corner. SUB 21 is not shown on the power one lines. Please clarify.	Label should be SUB 19.	N	3

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349 62	EP7001858J	Drawing	Drawing EP7001858J shows SUB 19. SUB 19 is not elsewhere in the CUB drawing package. Please clarify the physical location of SUB 19.	See EP1002858 J for location of SUB 19.	N	3
349 63	1.03.C.2.E	Specification	Which standard should be used to do seismic calcs for the raised access floor? In the written specs, 1.03.C.2.e. says that the pedestals shall meet the latest IBC standard, but it also says to use the formula $F_p = Z I_p C_p W_p$ , which is the UBC-97 formula. Please advise.	Use the latest IBC 2000 Standard.  The seismic criteria in for the specifications is as follows:1. Specification 13037, Cleanroom Access Flooring: a. Delete paragraph 1.03C2e, "Heavy-duty pedestals shall...Weight of components." And REPLACE WITH THE FOLLOWING e. Heavy-duty pedestals shall meet the requirements of the 2000 IBC. Seismic loads shall be in accordance with the IBC. Site classD, stiff soil. Importance factor $I_p = 1.5$ for Seismic Use Group III (three).Site specific parameter $S_{ds} = 0.53$ . Seismic Design Category D. Calculate heights of point of attachment and roof using a base at the basement floor level."2. Specification 13085, Seismic Protection:a. Paragraph 1.02D1: ADD the following: "Calculate heights of point of attachment and roof using a base at the basement floor level."b. Paragraph 3.10B1: DELETE third sentence and REPLACE with: "Design ceiling structural systems to withstand required vertical load as well as calculated lateral force."c. Paragraph 3.13: DELETE and REPLACE with the following: "See specification section 13037, Cleanroom Access Flooring."	N	3
349 68	INSTRUCTION #14 - BEST VALUE, SECTION I, PART A - PAST PERFORMANCE/RELATED EXPERIENCE - SECOND	RFQ	Add the following sentence: "A neutral ranking is one that does not positively or negatively affect the Contractor's overall technical capabilities ranking."	Change to Instruction #14 - Best Value, Section I, Part A - Past Performance and Related Experience	N	3

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	PARAGRAPH					
349 69	INSTRUCTION #14 - BEST VALUE, SECTION I, PART B - NEW MEXICO BUSINESS PARTICIPATIO N	RFQ	Add the following sentences:  "Contractor's ranking for this category is dependent on the depth of its New Mexico subcontracting. Additionally, the importance a Contractor places on its New Mexico subcontracting will also be used to determine the ranking. Contractor shall present information about its subcontracting to New Mexico businesses in terms of percent of the total value." "	<b>Change to Instruction #14 - Best Value, Section I, Part B - New Mexico Business Participation</b>	N	3
349 70	INSTRUCTION #14 - BEST VALUE, SECTION I, PART C - SMALL BUSINESS PARTICIPATIO N	RFQ	Add the following sentences:  "Contractor's ranking for this category is dependent on the depth of its small business subcontracting. Additionally, the importance a Contractor places on its small business subcontracting will also be used to determine the ranking. Contractor shall specifically address the following socioeconomic categories: woman-owned, disadvantaged, 8a, Hubzone, veteran-owned, and/or service disabled. Contractor shall present information about its subcontracting in terms of percent of the total value."	<b>Change to Instruction #14 - Best Value, Section I, Part C - Small Business Participation</b>	N	3
349 71	INSTRUCTION #14 - BEST VALUE, INTRODUCTIO N	RFQ	Add the following paragraph:  "Price is not considered to be part of the evaluation criteria; instead it is a stand-alone factor that shall be used in the technical/price tradeoff to determine the best value to Sandia."	<b>Clarify Instruction #14.</b>	N	3
349 72	INSTRUCTION #14 - SECTION I - CONTRACTOR PAST PERFORMAN CE/RELATED EXPERIENCE; NEW MEXICO BUSINESS PARTICIPATIO	RFQ	Add the following paragraph:  "Contractors shall be rated on this factor by comparing the differences in their proposals in relation to all other proposals received. Therefore, the Contractor that has the best past performance shall be given the highest ranking. Conversely, the Contractor with the worst past performance shall be given the lowest ranking."	<b>Clarify Instruction #14.</b>	N	3

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	N AND SMALL BUSINESS PARTICIPATION					
34973	Comment	General	Please provide more information on the cameras for the security system i.e., who provides them, mounting kits, installs them, make & model number.	<p><b>Make: Philips Electronics (Communication, Security, and Imaging)</b></p> <p><b># LTC0600/60 - color digital camera</b></p> <p><b># LTC3293/50 - zoom lens (auto-iris)</b></p> <p><b># LTC8561/60 - receiver/driver</b></p> <p><b># TC6570PT - pan/tilt unit</b></p> <p><b># TC9346A-1 - weatherproof housing/heater/blower</b></p> <p><b># LTC2662/90 - 16 channel multiplexer</b></p>	N	3
34975	FA1.1-1, Sketch 2, Seq. 172	Drawing	Please clarify the extent of work for this project shown on drawing "sketch 2" seq. 172 of volume FA1.1-1. If there are new electrical duct banks required please give locations and site profiles.	<b>The drawing is issued as a reference for the site electrical work. See Volume AA1.1 - CUB-1 for site electrical work. Refer to manhole #89.</b>	N	3
34977	Comment	General	<p>1. The specs show that you will be using a flush grid ceiling system like Huntair or Cleanpac. The ionization wiring is very different between these two ceiling manufacturers and can come partially prewired from both.</p> <p>A-Have the ceiling manufacturers been notified that Sandia-MESA will be implementing air ionization in the cleanroom ceiling?</p> <p>B-Have they been told to include ionization prewiring in these grids?</p> <p>C-Is this ceiling system going to be stick built on site, or will it be shipped in premanufactured sections from the factory?</p> <p>D-Are the special ionization ceiling lenses to be</p>	<p><b>A&amp;B. It is the general contractors responsibility to work with their subcontractors and vendors to ensure the ceiling grid meets all specified ionization requirements.</b></p> <p><b>C. The ceiling was designed to come in pre-manufactured sections where possible and stick build where necessary.</b></p> <p><b>D. It is the general contractors responsibility to ensure the ceiling has the correct lens per specification. The GC will select who will perform the work.</b></p>	N	3

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			<p>provided by ION or the ceiling manufacturer?</p> <p>2. Also in the specs were three different air ionization systems, 5509, 5510, and 5511, all of which ION can provide. The issue is in the capabilities and price differences in these systems.</p> <p>A-What is expected in the quote?</p> <p>B-Is there someone there at MDL/MESA that I can speak with to determine which of these systems they are planning on installing?</p>	<p>2. A. Per spec 16601S the system must be Ion Systems or equal with ION Model 5510 emitters and ION Model 5084e controllers. Refer to spec 16601S.</p> <p>2. B. The GC shall install per the specification.</p>		
349 78	MJ7009858EF Seq. 133 and MJ3005858EF Seq. 115 Detail B	Drawing	Who is the manufacturer of the original existing equipment the installing contractor would tie into for scrubber tie -ins?	The ammonia scrubbers are new equipment to be supplied by the contractor. See equipment list MJ6002858EF (Seq. 140).	N	3
349 82	General	Drawing	What takes precedence, flow diagrams or plan drawings?	The flow drawings and plan drawings have the same precedence, but may show different levels of detail. Please list if there is a specific concern regarding any differences on the drawings.	N	3
349 84	COMMENT	GENERAL	Can the MESA drawings be posted on the plan room's website?	No, currently SNL does not allow any drawings to be posted on the MESA website or any other website.	N	3
349 85	GENERAL	COMMENT	Can a list of the bidder's be posted on the website?	A list of all companies that purchased drawings will be posted on the MESA website at <a href="http://www.sandia.gov/mesa/procurement">www.sandia.gov/mesa/procurement</a>	N	3
349 87	13125, Hazardous Materials Storage Building	Specification	Specification 13125, Hazardous Materials Storage Building, refers to finding building dimensions for the 90 day waste storage building. I have located this on drawing GC1001858EF but cannot find it elsewhere. Drawing GC1001858EF does not seem sufficient for obtaining dimensions for this building. Please advise.	1. The bldg foundation is located in the Cub1 set page SB1101858J. The bldg is 22' long by 8' wide by 8' high. The existing bldg of the same dimensions will be relocated onto the same foundation.	N	3

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34989	Section 09300S	Specification	Specification section 09300S Tile has been provided for this job. The interior elevations and the room finish schedules do not call out tile finishes. Should this specification section be disregarded?	<b>Spec section 09300S is not used for this project. Delete Specification.</b>	N	3
34991	08710S	Specification	Please refer to specification section 08710S Door Hardware and Schedule. In this section the hardware schedule is given for many buildings. Please confirm that the Microlab, WIF, and Remote Safety Center are not in this contract.	<b>The microFab and Remote Safety Center are in this contract. The hardware specification has been updated.</b>	Y	3
35001	Comment	General	Is a bid bond required for this project?	<b>No, bid bonds are not required to be submitted with the proposal. A performance and payment bond will be required to be submitted by the successful contractor at contract award. Reference Section II, SF 6432-CN (10-99), Section "Apply to Contracts Exceeding \$100,000", FAR 52.228-15 - Performance and Payment Bonds - Construction. This clause can be located in its full text at: <a href="http://www.arnet.gov/far/">http://www.arnet.gov/far/</a></b>	N	3
35002	Comments	General	What are the insurance requirements for this project? Will Builders Risk Insurance be paid for by contractor or owner? Will terrorism insurance be required and if it is, will the owner or contractor pay for it?	<b>There are no insurance requirements besides the Performance and Payment Bond and vehicle insurance.</b>  <b>Reference Section II, Apply to Contracts Exceeding \$100,000.00, FAR 52.228-15 - Performance and Payment Bonds -- Construction and CN44 - Vehicle Insurance.</b>  <b>Builders Risk Insurance and terrorism insurance are not required, therefore, if purchased, the cost shall be borne by the Contractor.</b>	N	3
35003	Comment	General	Please provide Geotechnical report for project.	<b>The Geotechnical report is posted on the MESA website <a href="http://www.sandia.gov/mesa/procurement">www.sandia.gov/mesa/procurement</a></b>	N	3
35004	Comment	General	Will New Mexico Gross Receipts be applicable on this project?	<b>No. A tax exempt certificate will be sent to the successful Contractor.</b>	N	3
35023	10420S, Plaques and	Specification	Please refer to specification section 10420S Plaques and Letters. No signs or letters are shown on	<b>Signage will be under a separate occupancy contract.</b>	N	3



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	Letters		drawings. Are these included in this project?			
350 35	EP7001858J	Drawing	Please clarify the feeder from SUB-19 to the "Microlab ATS". No ATS is shown on the drawings.	<b>The microLab ATS is a future installation. Contractor to run conduit and conductors for future tie-in.</b>	N	3
350 41	CLARIFICATION	AMENDMENT #2	Question was: Is a Bid Bond required to be submitted with our proposals?  Answer should be: "A bid bond is not required, however, a performance and payment bond is." Same references apply	<b>Clarification to Amendment #2 question concerning "bid bonds".</b>	N	3
350 42	Comments	General	Is the General and Fab Exhaust, located on the roof top, to be painted? If so is this the scope of the mechanical contractor?	<b>The exhaust ductwork shall be painted - reference painting specification and drawing. The GC will select who will perform the work.</b>	N	3
350 43	Comment	General	Is it possible to have an escorted site tour?	<b>At this time, no site tour has been scheduled.</b>	N	3
350 45	Pre-Proposal Conference	RFQ	Facilities tools or high purity gas piping to be excluded from the work (Statement in Presentation)  Identify systems excluded?	<b>Some UHP included in scope. The construction is a base build and the scope of work is defined on the bid set drawings. The tools will be installed under a separate contract.</b>	N	3
350 46	Comments	RFQ	The RFQ and specifications makes reference to the following: Albuquerque Public works specification and Geo Tech Report  Is there an address or telephone number, so that we can obtain these Report and Specification?	<b>Contact Chief Design Engineer, City of Albuquerque, PO Box 1293, Albuquerque, NM 87103. Also, many local sub-contractors have these specs and are familiar with these specifications.</b>  <b>The Geo Tech Report has been posted on the MESA website at <a href="http://www.sandia.gov/mesa/procurement">www.sandia.gov/mesa/procurement</a>.</b>	N	3
350 47	Page 1 thru 46	RFQ	The RFQ that we have received is stamped "DRAFT" and is this the correct RFQ that we should be looking at during the bidding cycle?	<b>The draft RFQ is the current version. It will remain in draft form until final DOE approval is received. All updates to the RFQ will be noted on the website.</b>	N	3

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350 48	Section I – Page 3 of 46	RFQ	<p>INSTRUCTION 1 – SUBMITT CLARIFICATIONS OR QUESTIONS / RFQ AMENDMENTS</p> <p>RFQ Amendments will be posted on the website under the Title RFQ Amendments at <a href="http://www.sandia.gov/mesa/procurement">www.sandia.gov/mesa/procurement</a> . It is the Contractor's responsibility to check the website for amendments to the RFQ package. Prior to turning in proposal, Contractor shall sign below to verify acceptance of all RFQ amendments.</p> <p>Will SNL, be provided a hard copy of any amendments during the course of the bidding or are they being posted to the website only? Does this include drawings that would be attached to amendment?</p>	RFQ Amendments will be posted on the website, no hardcopies will be issued. If drawings and specifications change, the documents will be e-mailed to all companies that purchased plan sets. For companies that did not purchase plan sets, a notice is on the website that they may request the updated drawings or specifications via e-mail.	N	3
350 51	DI7002858EF	Drawing	Should the check valves be removed from the drains?	Yes, remove the check valves from the acid exhaust fan drains.	N	3
350 54	CDs	Drawing	In regards to the CDs containing the drawing files: Is there an index available to convert CD file number to Drawing No.?	There is no index for the drawings. The files are listed by volume number and are in sequence order.	N	3
350 55	13215S	Specification	Please provide the dimensions for the New 90 Day Waste building (Hazardous Material Storage Building - Spec. 13215S). Need overall dimensions H x W x L..	The bldg foundation is located in the Cub1 set page SB1101858J. The bldg is 22' long by 8' wide by 8' high. The existing bldg of the same dimensions will be relocated onto the same foundation.	N	3
350 57	General	Substitutions	<p>With regard to substitutions, are the following to be considered materials or equipment:</p> <p>Cleanroom Ceiling Cleanroom Walls Cleanroom Floors Cleanroom Doors Terminal HEPA Filters</p>	These items are considered material. Material still requires bid from GC and a bid alternate for proposed substitutes.	N	3

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350 58	Various	Section	<p>We request consideration of the following equipment manufacturers as acceptable, allowable, and equal for each of the below specification sections:</p> <p>Section 15843S - FRP Ductwork - Viron Intl.</p> <p>Section 15861S - Fume Scrubbers - Viron Intl.</p> <p>Section 15890S - Coated Stainless Steel Ductwork - Viron Intl.</p> <p>Section 15860S - Acid Exhaust Fans - Viron Intl.</p> <p>Section 15720S - Air Handling Units - Temtrol Inc.</p> <p>Section 15721S - Makeup Air Handling Unit for MicroFab - Temtrol Inc.</p> <p>Section 15722S - Makeup Air Handling Unit for MFab Spec. Gas Room - Temtrol Inc.</p> <p>Section 15723S - Recirculation Air Handler Units for MicroFab - Temtrol Inc.</p> <p>Section 15724S - Air Handling Units for MicroFab - Temtrol Inc.</p>	<p><b>The RFQ Other Conditions #2 states:</b></p> <p><b>Substitutions: The contractor shall bid on the equipment and material specified in the contract documents (Equipment List Drawings and Specifications).</b></p> <p><b>a. EQUIPMENT:</b></p> <p><b>i. If the contractor proposes to substitute, per the allowable manufacturers listed in the appropriate specifications for the specified equipment, the contractor must provide two bids: one for the item specified and one for the item substituted.</b></p> <p><b>ii. Contractor must show that the substituted item is "an equal" to the listed manufacture. No other substitutions will be accepted.</b></p> <p><b>b. MATERIALS:</b></p> <p><b>i. Materials manufactures are recommended unless specifically stated as sole source.</b></p> <p><b>ii. Contractors may submit acceptable substitutes to the recommended material manufactures as long as they meet or exceed the specifications</b></p> <p><b>It is the responsibility of the supplier and/or sub-contractor to provide the information to the prime contractor for inclusion in the bid as an alternate.</b></p>	N	3

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350 60	Comments	General	Sandia refers to Sandia Furnished Materials/ Equipment. Where can we obtain this list? Specifically are any of the Cleanroom finishes (Ceiling, Walls, Floors, FFU's, HEPA's) included in this list?	The Sandia Furnished Material List is located in the Project Manual which also contains the Master Drawing List, Job Site Hazard Evaluation information, Descriptive Submittal List and the Specifications. The items for Cleanroom finishes (Ceiling, Walls, Floors, FFU's, HEPA's) are not on the SFM list.	N	3
350 83	15891S Ductwork	Section	Revision to 2.01.H (Flexible Duct) and 2.01.I (Flexible duct in Microfab Cleanroom)	<p>2.01H and 2.01I should be labeled as 2.10 and 2.11</p> <p>2.10 - Flexible Duct: Ductwork to be a factory fabricated assembly</p> <p>with neoprene coated spring steel wire helix and acoustically rated</p> <p>liner construction, fiberglass insulation and mylar sheath. Flexible</p> <p>duct shall have a flame resistant rating of 25 or less and a smoke developed rating of 50 or less. Flexible ductwork must be tested in accordance with UL 181. Acceptable manufacturers: Aeroquip, Flexaust, or Vent Fabrics. (Should be Labeled as 2.10 in the bid set of specs)</p> <p>In addition, the following needs to be added for the cleanroom:</p> <p>2.11 - Flexible duct in MicroFab Cleanroom: Flexible ductwork to be</p> <p>non-metallic and uninsulated. Flexible ductwork must be tested in</p> <p>accordance with UL 181. (Should be Labeled as 2.11</p>	N	3

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				in the bid set of specs)		
350 90	MH1043858EF	Drawing	On drawing MH1043858EF it shows Plenum Divider and to see architectural drawings. Is it the responsibility of the HVAC sheetmetal Contractor to provide and install the plenum divider? Or will it be provided and install by others?	It is the responsibility of the Prime Contractor to install the plenum divider. The GC will select who will perform the work.	N	3
350 94	EP7002858EF	Specification	There is an ATS show on page EP7002858EF, but it is not indicated if this is Sandia furnished or contractor furnished. If it is contractor furnished how can I get these specifications.	Refer to the Sandia Furnished Material list provided in the Project Manual. The ATS is Sandia furnished.	N	3
350 95	General	General	Will the contractor have access to a clean room for pipe fabrication or will the contractor be expected to supply a clean environment for pipe fabrication.	The contractor will be required to supply a portable temporary clean environment for pipe fabrication.	N	3
350 97	13037S	Specification	<p>Question from Amendment 1:</p> <p>Specification Section 13037S, Access Floor, lists Titan as an acceptable manufacturer. The only information I can find on this company suggests that they manufacture in Malaysia. Am I incorrect? If not, will the Buy American policy permit the product to be used?</p> <p>Response from Amendment 1:</p> <p>Titan is not an acceptable floor manufacture. Delete Para 2.01 C from Spec Section 13037S.</p>	<p>REVISE AMENDMENT 1 - Titan is not an excluded manufacturer.</p> <p>It is the general contractors responsibility to verify that a manufacturers product meets the Buy American Act. Specifically that an end product manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components.</p>	N	3
350 98	COMMENT	GENERAL	Can plan rooms check out drawings/specifications and/or make copies for contractors.	Drawings and specifications for the project may be checked out and copied as long as the plan rooms have a system in place to know where the documents are and to ensure their return.	N	3

**SNL MESA Project  
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